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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER HSE-058US
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/523372
INTERNATIONAL APPLICATION NO. PCT/US2003/025041	INTERNATIONAL FILING DATE 8 August 2003	PRIORITY DATE CLAIMED 8 August 2002
TITLE OF INVENTION SYSTEM AND METHOD FOR RECHARGING A METAL-AIR CONVERTER USED FOR VEHICLE PROPULSION		
APPLICANT(S) FOR DO/EO/US Michael S. HSU		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☐ The US has been elected (Article 31).
- ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - ☐ is attached hereto (required only if not communicated by the International Bureau).
 - ☒ has been communicated by the International Bureau.
 - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☐ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
 - ☐ is attached hereto.
 - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - ☐ are attached hereto (required only if not communicated by the International Bureau).
 - ☐ have been communicated by the International Bureau.
 - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - ☒ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
- ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
- ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

- ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☐ A preliminary amendment.
- ☒ An Application Data Sheet under 37 CFR 1.76. (2 pages)
- ☐ A substitute specification.
- ☐ A power of attorney and/or change of address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
- ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- ☒ Other items or information: Published International Application w/Search Report W0 2004/015799 A1 (21 pages), International Preliminary Examination Report (10 pages), Written Opinion (8 pages), Response to the Written Opinion (7 pages), Certificate of Express Mailing (1 page), Return Receipt Postcard

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U.S. APPLICATION NO. (if known, use 37 CFR 1.51) 10/523372		INTERNATIONAL APPLICATION NO. PCT/US2003/025041		ATTORNEY'S DOCKET NUMBER HSE-058US	
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21. The following fees are submitted: <input checked="" type="checkbox"/> a) Basic national fee \$300.00 <input checked="" type="checkbox"/> b) Examination fee \$200.00 <input checked="" type="checkbox"/> c) Search fee \$500.00 TOTAL OF ABOVE CALCULATIONS = \$1000.00 <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="width: 15%;">Total Sheets</td> <td style="width: 15%;">Extra sheets</td> <td style="width: 30%;">Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td style="width: 40%;">RATE</td> </tr> <tr> <td>17 - 100 =</td> <td>/50 =</td> <td></td> <td>x \$250.00</td> </tr> </table>				Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	17 - 100 =	/50 =		x \$250.00	Applicant Use	Office Use Only
				Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE						
				17 - 100 =	/50 =		x \$250.00						
				\$ 300.00									
				\$ 200.00									
\$ 500.00													
\$ 1,000.00													

Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$ 130.00	
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CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	25 - 20 =	5	x 50.00	\$ 250.00	
Independent claims	5 - 3 =	2	x 200.00	\$ 400.00	
MULTIPLE DEPENDENT CLAIM(s) (if applicable)				\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 1,780.00	

<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.	\$ 890.00	
SUBTOTAL =	\$ 890.00	

Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).		\$	
TOTAL NATIONAL FEE =		\$ 890.00	

Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		\$	
TOTAL FEES ENCLOSED =		\$ 890.00	

Amount to be refunded:		\$
Amount to be charged:		\$

a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 12-0080 in the amount of \$ 890.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-0080. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Anthony A. Laurentano
 LAHIVE & COCKFIELD, LLP
 28 State Street
 Boston, Massachusetts 02109
 (617) 227-7400
 DATE: 2 February 2005
 CUSTOMER NUMBER: 00959

SIGNATURE: *Anthony A. Laurentano*
 NAME: Anthony A. Laurentano
 REGISTRATION NUMBER: 38,220

10/523372

BT05 Rec'd PCT/PTO 02 FEB 2005

Application No. (if known): Not Yet Assigned

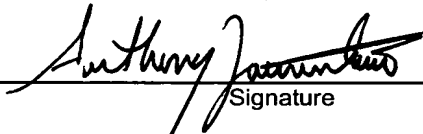
Attorney Docket No.: HSE-058US

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV 466 145 029 US in an envelope addressed to:

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P.O. Box 1450
Alexandria, VA 22313-1450

on 2 February 2005
Date



Signature

Anthony A. Laurentano

Typed or printed name of person signing Certificate

38,220
Registration Number, if applicable

(617) 227-7400
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office (2 pages in duplicate), Application Data Sheet (2 pages), Published International Application w/Search Report WO 2004/015799 A1 (21 pages), International Preliminary Examination Report (10 pages), Written Opinion (8 pages), Response to the Written Opinion (7 pages), Certificate of Express Mailing (1 page), Return Receipt Postcard

Charge \$890.00 to deposit account 12-0080